

ABSTRACT OF THE DISCLOSURE

A multi-step reduction gear includes a drive shaft, output shaft, three single rod planetary gears, seven rotational shafts and six shifting elements, whose selective engagement realizes seven forward gears and one reverse gear, whereby the drive takes place through a shaft, which is continuously connected with the sun wheel of the first planetary gears; the output takes place through a shaft which is connected with the annulus of the second planetary gear set and the annulus of the third planetary gears; a shaft is connected with the annulus of the first planetary gears; a shaft is connected with the rod of the second planetary gears and the rod of the third planetary gears; a shaft is connected with the rod of the first planetary gears; a shaft is connected with the sun wheel of the second planetary gears; a shaft is connected with the sun wheel of the third planetary gears.